

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-7 (canceled)

1 **Claim 8 (currently amended):** Video compression
2 transmission apparatus ~~according to claim 6, for~~
3 compressing a digital video signal and transmitting the
4 resulting signal, comprising:
5 a video compression unit for performing compression
6 encoding on an input digital video signal;
7 a video transmission unit for transmitting to outside
8 the signal compression-encoded by the video compression
9 unit via a communication line;
10 a controller for controlling the operation of the
11 video compression unit and the video transmission unit,
12 ~~wherein the controller changes at least one of the a~~
13 compression encoding process via the video compression unit
14 ~~and the a~~ transmission process via the video transmission
15 unit can be changed by the controller depending on the set
16 conditions for a video signal to be compression-encoded and
17 depending on the output of the processing time measuring
18 unit; and

19 _____ a processing time measuring unit for measuring the
20 compression encoding time via the video compression unit
21 and the transmission time via the video transmission unit,
22 _____ wherein the video compression unit and the video
23 transmission unit are operated in parallel.

Claims 9-10 (canceled)

1 **Claim 11 (currently amended):** Video compression
2 transmission apparatus ~~according to claim 9, for~~
3 compressing a digital video signal and transmitting the
4 resulting signal, comprising:
5 _____ a video compression unit for performing compression
6 encoding on an input digital video signal;
7 _____ a video transmission unit for transmitting to outside
8 the signal compression-encoded by the video compression
9 unit via a communication line;
10 _____ a video input unit through which a digital video
11 signal input to the video compression transmission unit is
12 obtained,
13 ~~wherein the video input unit comprises~~ comprising a
14 video apparatus controller for supplying a digital video
15 signal from external video apparatus to the video
16 compression unit as required at a speed equal to or greater
17 than the speed required for the compression encoding via
18 the video compression unit;

19 a controller for controlling the operation of the
20 video compression unit, the video transmission unit and the
21 video input unit, wherein at least one of a compression
22 encoding process via the video compression unit and a
23 transmission process via the video transmission unit can be
24 changed by the controller; and
25 a processing time measuring unit for measuring the
26 compression encoding time via the video compression unit
27 and the transmission time via the video transmission unit,
28 wherein the video compression unit and the video
29 transmission unit are operated in parallel.

Claims 12-18 (canceled)

1 **Claim 19 (currently amended):** A video compression
2 transmission method ~~according to claim 17, for compressing~~
3 a digital video signal and transmitting the resulting
4 signal, comprising:
5 a video compression step of performing compression
6 encoding on an input digital video signal; and
7 a video transmission step of transmitting to outside
8 the signal compression-encoded by the video compression
9 step via a communication line; and
10 a processing time measuring step of measuring the
11 compression encoding time via the video compression step
12 and the transmission time via the video transmission step,

13 wherein a controller controls the video compression
14 step and the video transmission step, and the video
15 compression step and the video transmission step are
16 operated in parallel, and

17 wherein at least one of ~~the a~~ compression encoding
18 process via the video compression step and ~~the a~~
19 transmission ~~method~~ process via the video transmission ~~unit~~
20 step can be changed by the controller depending on ~~the set~~
21 conditions for a video signal to be compression-encoded and
22 depending on the output of the processing time measuring
23 step.

Claim 20-21 (canceled)

1 **Claim 22 (currently amended):** A video compression
2 transmission method ~~according to claim 20, for compressing~~
3 a digital video signal and transmitting the resulting
4 signal, comprising:

5 a video compression step of performing compression
6 encoding on an input digital video signal; and

7 a video transmission step of transmitting to outside
8 the signal compression-encoded by the video compression
9 step via a communication line;

10 a processing time measuring step of measuring the
11 compression encoding time via the video compression step

12 and the transmission time via the video transmission step;
13 and
14 _____ a video input step through which a digital video
15 signal input is obtained, ~~wherein~~ the video input step
16 ~~includes~~ ~~including~~ a step of supplying a digital video
17 signal from external video apparatus to the video
18 compression ~~unit~~ ~~step~~ as required at a speed equal to or
19 greater than ~~the~~ a speed required for the compression
20 encoding via the video compression ~~unit~~ ~~step~~.
21 _____ wherein a controller controls the video compression
22 step and the video transmission step, and the video
23 compression step and the video transmission step are
24 operated in parallel, and
25 _____ wherein at least one of a compression encoding process
26 via the video compression step and a transmission process
27 via the video transmission step can be changed.

Claims 23-24 (canceled)